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STATEMENT BY APPLICANT

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Application Number	10/538,379
Filing Date	November 22, 2005
First Named Inventor	James M. Swanson
Group Art Unit	1634
Examiner Name	Jeanine Anne Goldberg
Attorney Docket Number	121-000810US
Date Submitted	April 8, 2008

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, lines, Where Relevant Passages or Relevant Figures Appeal
		Number	Kind Code (if known)			
/JG/	1	2001/0053519	A1	Fodor et al.	12-20-2001	
/JG/	2	2006/0204961	A1	Swanson et al.	09-14-2006	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Foreign Patent Document			Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
/JG/	3	ARDLIE ET AL. (2001) "Lower-Than-Expected Linkage Disequilibrium between Tightly Linked Markers in Humans Suggests a Role for Gene Conversion." <i>American Journal of Human Genetics</i> , 69: 582-589.	
	4	ASGHARI ET AL. (1995) "Modulation of Interacellular Cyclic AMP Levels by Different Human Dopamine D4 Receptor Variants." <i>Journal of Neurochemistry</i> , 65: 1157-1165.	
	5	BENJAMIN ET AL. (1996) "Population and familial association between the D4 dopamine receptor gene and measures of Novelty Seeking." 12: 81-84.	
	6	CATALANO ET AL. (1993) "Distribution of a Novel Mutation in the First Exon of the Human Dopamine D ₄ Receptor Gene in Psychotic Patients." <i>Biological Psychiatry</i> , 34: 459-464.	
	7	CHANG ET AL. (1996) "The World-wide distribution of allele frequencies at the human dopamine D4 receptor locus." <i>Human Genetics</i> , 98: 91-101.	
	8	CHEN ET AL. (1999) "Population Migration and the Variation of Dopamine D4 Receptor (DRD4) Allel Frequencies Around the Globe." <i>Evolution and Human Behavior</i> , 20: 309-324.	
	9	CIVELLI ET AL. (1993) "Molecular Diversity of The Dopamine Receptors." <i>Annual Reviews of Pharmacology and Toxicology</i> , 32: 281-307.	
	10	COLLINS ET AL. (1997) "Variations on a Theme: Cataloging Human DNA Sequence Variation." <i>Science</i> , 278: 1580-1581.	
	11	COWAN ET AL. (2002) "The Human Genome Project and Its Impact on Psychiatry." <i>Annual Reviews of Neuroscience</i> , 25: 1-50.	
	12	DALY (2001) "High-resolution haplotype structure in the human genome." <i>Nature Genetics</i> , 29: 229-232.	

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JGJ	13	DULAWA ET AL. (1999) "Dopamine D4 Receptor-Knock-Out Mice Exhibit Reduced Exploration of Novel Stimuli." <i>The Journal of Neuroscience</i> , 19(21): 9550-9556.	
	14	EBSTEIN ET AL. (1996) "Dopamine D4 receptor (D4DR) exon III polymorphism associated with the human personality trait of Novelty Seeking." <i>Nature Genetics</i> , 12: 78-80.	
	15	EWING ET AL. (1998) "Base-Calling of Automated Sequencer Traces Using Phred. I. Accuracy Assessment." <i>Genome Research</i> , 8: 175-185.	
	16	EWING ET AL. (1998) "Base-Calling of Automated Sequencer Traces Using Phred. II. Error Probabilities." <i>Genome Research</i> , 8: 186-194.	
	17	FARAONE ET AL. (2001) "Meta-Analysis of the Association Between the 7-Repeat Allel of the Dopamine D ₄ Receptor Gene and Attention Deficit Hyperactivity Disorder. American Journal of Psychiatry 158(7): 1052-1057.	
	18	FILIBEK ET AL. (2003) "The Crystallographic Model of Rhodopsin and Its Use in Studies of Other G. Protein-Coupled Receptors." <i>Annual Reviews of Biophysics & Biomolecular Structure</i> , 32: 375-397.	
	19	FISHER ET AL. (2002) "A Genomewide scan for Loci Involved in Attention-Deficit/Hyperactivity Disorder." <i>American Journal of Human Genetics</i> , 70: 1183-1196.	
	20	HARPENDING ET AL. (2000) "Genetic Perspectives on Human Origins and Differentiation." <i>Annual Reviews of Genomics and Human Genetics</i> , 1: 361-385.	
	21	INTERNATIONAL HUMAN GENOME SEQUENCING CONSORTIUM (2001) "Initial sequencing and analysis of the human genome." <i>Nature</i> , 409: 860-921.	
	22	JENSEN ET AL. (1997) "Child Psychiatry: ADHD as a Disorder of Adaptation." <i>American Academy of Child Adolescent Psychiatry</i> , 36(12): 1672-1679.	
	23	JOVANOVIC ET AL. (1999) "Comparative pharmacological and functional analysis of the human dopamine D _{4.2} and D _{4.10} receptor variants." <i>Pharmacogenetics</i> , 9: 561-568.	
	24	KLUGER ET AL. (1998) "A Meta-analysis of the association between DRD4 polymorphism and novelty seeking." <i>Molecular Psychiatry</i> , 7: 712-717.	
	25	KONG ET AL. (2002) "A high-resolution recombination map of the human genome." <i>Nature Genetics</i> , 31: 241-247.	
	26	LANGLEY ET AL. (2004) "Association of the Dopamine D ₄ Receptor Gene 7-Repeat Allele With Neuropsychological Test Performance of Children With ADHD." <i>American Journal of Psychiatry</i> , 161(1): 133-138.	
	27	LICHTER ET AL. (1993) "A hypervariable segment in the human dopamine receptor D ₄ (DPD4) gene." <i>Human Molecular Genetics</i> , 2(6): 767-773.	
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/JG/	28	McCRACKEN ET AL. (2000) "Evidence for linkage of a tandem duplication polymorphism upstream of the dopamine D4 receptor gene (DRD4) with attention deficit hyperactivity disorder (ADHD)." <i>Molecular Psychiatry</i> , 5: 531-536.	
	29	NICKERSON ET AL. (1998) "DNA Sequence Diversity on a 9.7-kb Region of the Human Lipoprotein Lipase Gene." <i>Nature Genetics</i> , 19: 233-240.	
	30	OAK ET AL. (2000) "The dopamine D ₄ receptor: one decade of research." <i>European Journal of Pharmacology</i> , 405: 303-327.	
	31	OKUYAMA ET AL. (1999) "A Genetic Polymorphism In The Promoter Region of Drd4 Associated With Expression And Schizophrenia." <i>Biochemical and biophysical Research Communications</i> , 258: 292-295.	
	32	PRITCHARD (2001) "Are Rare Variants Responsible for Susceptibility to Complex Diseases?" <i>American Journal of Human Genetics</i> , 69: 124-137.	
	33	RISCH ET AL. (1996) "The Future of Genetic Studies of Complex Human Diseases." <i>Science</i> , 273: 1516-1517.	
	34	RUBENSTEIN ET AL. (1997) "Mice Lacking Dopamine D4 Receptors Are Supersensitive to Ethanol, cocaine, and Methamphetamine." <i>Cell</i> , 90: 991-1001.	
	35	SEAMAN ET AL. (1999) "Tandem Duplication Polymorphism Upstream of the Dopamine D4 Receptor Gene (DRD4)." <i>American Journal of Medical Genetics</i> , 88: 705-709.	
	36	SEAMAN ET AL. (2000) "Evolution of Exon 1 of the Dopamine D4 Receptor (DRD4) Gene in Primates." <i>Journal of Experimental Zoology</i> , 388: 32-38.	
	37	SERRE ET AL. (1990) "Studies of RFLP closely linked to the cystic fibrosis locus throughout Europe lead to new considerations in populations genetics." <i>Human Genetics</i> , 84: 449-454.	
	38	SINERVO AND LIVELY (1996) "The rock-paper-scissors game and the evolution of alternative male strategies." <i>Nature</i> , 380: 240-243.	
	39	SKLAR (2002) "Linkage Analysis in Psychiatric Disorders: The Emerging Picture." <i>Annual Reviews of Genomics and Human Genetics</i> , 3: 371-413.	
	40	SLATKIN AND RANNALA (2000) "Estimating Allele Age." <i>Annual Reviews of Genomics and Human Genetics</i> , 1: 225-249.	
	41	SMALLEY ET AL. (2002) "Genetic Linkage of Attention-Deficit/Hyperactivity Disorder on Chromosome 16p13, in a Region Implicated in Autism."	
	42	SMITH (1982) "Evolution and the Theory of Games." Cambridge University Press, pp. 1-224	
↓	43	SWANSON ET AL. (1998) "Attention-deficit hyperactivity disorder and hyperkinetic disorder." <i>The Lancet</i> , 351: 429-433.	

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/JG/	44	TERWILLIGER ET AL. (1998) "Linkage disequilibrium mapping of complex disease: fantasy or reality?" <i>Current Opinion in Biotechnology</i> , 9: 578-594.	
	45	THARPAR ET AL. (1999) "Genetic basis of attention deficit and hyperactivity." <i>British Journal of Psychiatry</i> , 174: 105-111.	
	46	THE HUNTINGTON'S DISEASE COLLABORATIVE RESEARCH GROUP (1993) "A Novel Gene Containing a Trinucleotide Repeat That Is Expanded and Unstable on Huntington's Disease Chromosomes." <i>Cell</i> , 72: 971-983.	
	47	THE MTA COOPERATIVE GROUP (1999) "A 14-Month Randomized Clinical Trial of Treatment Strategies for Attention-Deficit/Hyperactivity Disorder." <i>Archives of General Psychiatry</i> , 56: 1073-1086.	
	48	TISHKOFF ET AL. (1996) "Global Patterns of Linkage Disequilibrium at the CD4 Locus and Modern Human Origins." <i>Science</i> , 271: 1380-1387.	
	49	UNDERHILL ET AL. (2000) "Y chromosome sequences variation and the history of human populations." <i>Nature Genetics</i> , 26: 358-361.	
	50	VAN TOL ET AL. (1991) "Cloning of the gene for a human dopamine D ₄ receptor with high affinity for the antipsychotic clozapine." <i>Nature</i> , 610-614.	
	51	VOLKOW ET AL. (1999) "Methylphenidate and Cocaine Have a Similar In Vivo Potency to Block Dopamine Transporters in the Human Brain." <i>Life Sciences</i> , 65(1): 7-12.	
	52	VOLKOW ET AL. (2002) "Relationship Between Blockade of Dopamine Transporters by Oral Methylphenidate and the Increases in Extracellular Dopamine: Therapeutic Implications." <i>Synapse</i> , 43: 161-187.	
	53	WEISS ET AL. (2000) "How many diseases does it take to map a gene with SNP's?" <i>Nature Genetics</i> , 26: 151-157.	
	54	WEST ET AL. (2002) "Evidence to suggest biased phenotypes in children with Attention Deficit Hyperactivity Disorder from completely ascertained trios." <i>Molecular Psychiatry</i> , 7: 962-966.	
↓	55	ZWICK ET AL. (2000) "Patterns of Genetic Variations in Mendelian and Complex Traits." <i>Annual Reviews of Genomics and Human Genetics</i> , 1: 387-407.	

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